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## (12) United States Patent Gielisch et al.

# (54) INDEPENDENT SUSPENSION OF A WHEEL OF A TWO-TRACK VEHICLE WITH A SCISSOR-TYPE ARM AND A SPRING ELEMENT

(71) Applicant: Bayerische Motoren Werke

Aktiengesellschaft, Munich (DE)

(72) Inventors: Sebastian Gielisch, Unterschleissheim

(DE); Martin Ladstaetter, Bergkirchen (DE); Alfred Pruckner, Munich (DE); Dirk Schlichte, Munich (DE); Roland

Koenig, Habach (DE)

(73) Assignee: Bayerische Motoren Werke

Aktiengesellschaft, Munich (DE)

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See application file for complete search history.

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Primary Examiner — Drew Brown (74) Attorney, Agent, or Firm — Crowell & Moring LLP

#### (57) ABSTRACT

An independent suspension of a wheel of a two-track vehicle includes a trailing arm, one of the end portions of which is hinged to a vehicle body of the vehicle and the other end portion of which supports a wheel carrier. A scissor-type arm is hinged to the trailing arm and guides the trailing arm relative to the vehicle body. A spring element supports the trailing arm relative to the vehicle body. The spring element is arranged on the trailing arm in the region of the hinge point of the scissor-type arm to the trailing arm when seen in the direction of the vehicle longitudinal axis.

#### 15 Claims, 16 Drawing Sheets

